

ASSIGNMENT 8

Textbook Assignment: "Controlled Substances," chapter 7, pages 7-16 through 7-27.

8-1. Of the following substances, which one is morphine-like and usually appears as a crystalline white powder?

1. Opium
2. Heroin
3. Thebaine
4. Oxycodone

8-2. In its pure form, heroin is how many times stronger than morphine?

1. 1 to 3
2. 2 to 4
3. 4 to 5
4. 6 to 10

8-3. Heroin entering the United States from Europe is usually of what maximum purity?

1. Under 75 percent
2. 75 to 80 percent
3. 80 to 85 percent
4. Over 90 percent

IN ANSWERING QUESTIONS 8-4 THROUGH 8-8, SELECT THE SEMISYNTHETIC NARCOTIC FROM COLUMN B THAT MATCHES THE DESCRIPTION IN COLUMN A. RESPONSES MAY BE USED ONCE, MORE THAN ONCE, OR NOT AT ALL.

		SEMI-SYNTHETIC
		NARCOTICS
A. DESCRIPTIONS		B. NARCOTICS
8-4. Most commonly injected narcotic		1. Paregoric
8-5. Dilaudid		2. Oxycodone
8-6. Potency is from 2 to 8 times greater than morphine		3. Hydromorphone
8-7. Synthesized from Thebaine		4. Heroin
8-8. Usually taken for relief of diarrhea		

8-9. What are the two most widely available synthetic drugs?

1. Methadone and LAAM
2. Methadone and meperidine
3. Meperidine and LAAM
4. Meperidine and Darvon

8-10. Which of the following is a commercial name for pethidine?

1. Propoxyphene
2. Demerol
3. Darvon
4. LAAM

- 8-11. The effects of morphine-based drugs differ from methadone in what way?
1. Methadone has a shorter duration of action
 2. Methadone has a longer duration of action
 3. Methadone will not cause dependence as do morphine-based drugs
 4. Methadone is always taken orally; morphine-based drugs are always injected
- 8-12. Fentanyl has a clinical potency of how many times that of morphine?
1. 5 to 10
 2. 10 to 20
 3. 35 to 40
 4. 50 to 100
- 8-13. How many different types of fentanyls are approved for marketing in the United States?
1. 25
 2. 12
 3. 7
 4. 4
- 8-14. Fentanyl falls into what schedule of the FSCA?
1. I
 2. II
 3. V
 4. IV
- 8-15. The biological effects of fentanyls are indistinguishable from which of the following drugs?
1. Cocaine
 2. Heroin
 3. Morphine
 4. Opium
- 8-16. Fentanyls produce pharmacological effects characteristic of which of the following drugs?
1. Cocaine
 2. Heroin
 3. Morphine
 4. Opiates
- 8-17. Fentanyl users experience the first effects within a maximum of how many seconds after intravenous administration?
1. 30
 2. 45
 3. 60
 4. 90
- 8-18. 3-methylfentanyl has a duration of action of approximately how many hours?
1. 12
 2. 8
 3. 6
 4. 4
- 8-19. Fentanyls are most commonly taken by which of the following methods?
1. Ingestion
 2. Intravenous
 3. Intranasal
 4. Smoked
- 8-20. Street samples of fentanyls usually do not have a distinctive color, odor, or taste.
1. True
 2. False
- 8-21. Fentanyl plasma levels above how many nanograms per milliliter are associated with respiratory depression?
1. .10 to .20
 2. .30 to .40
 3. .50 to 1
 4. 2 to 3

- 8-22. Respiratory depression caused by fentanyl can be quickly and effectively reversed by administering which of the following drugs?
1. Methadone
 2. Mannitol
 3. Naloxone
 4. Xanax
- 8-23. Prescribed depressants are sometimes helpful in the relief of which of the following disorders?
1. Shock
 2. Tension
 3. Fatigue
 4. Infection
- 8-24. Intoxicating doses of depressants may cause which of the following effects?
1. Slurred speech
 2. Impaired judgement
 3. Loss of motor coordination
 4. All of the above
- 8-25. Chronic intoxication caused by the use of depressants is most common in what age group?
1. Adolescent
 2. Young adult
 3. Middle age
 4. Elderly
- 8-26. Which of the following is a symptom of severe depressant poisoning?
1. Fever
 2. Vomiting
 3. Diarrhea
 4. Rapid pulse
- 8-27. Of the following drugs, which one is most sought after by depressant abusers?
1. Seconal
 2. Luminal
 3. Gemonil
 4. Mebaral

- 8-28. After oral administration of an intermediate-acting barbiturate, what is the approximate action time, in minutes?
1. 1 to 3
 2. 5 to 10
 3. 15 to 40
 4. 45 to 60
- 8-29. Barbiturates can be very dangerous because tolerance and mental and physical dependence develop.
1. True
 2. False
- 8-30. Barbiturates are most often taken in which of the following forms?
1. Powder
 2. Liquid
 3. Capsule
 4. Injection

IN ANSWERING QUESTIONS 8-31 THROUGH 8-34, SELECT THE DEPRESSANT FROM COLUMN B THAT MATCHES THE DESCRIPTION IN COLUMN A. RESPONSES MAY BE USED ONCE, MORE THAN ONCE, OR NOT AT ALL.

	<u>A. DESCRIPTIONS</u>	<u>B. DEPRESSANTS</u>
8-31.	Exceptionally difficult to reverse overdoses, often resulting in death	1. Benzodiazepines
8-32.	Miltown	2. Glutethimide
8-33.	Duration of action similar to intermediate-acting barbiturates	3. Barbiturate
8-34.	Margin of safety is greater than other depressants	4. Meprobamate

8-35. What are the two most prevalent stimulants?

1. Nicotine and caffeine
2. Nicotine and cocaine
3. Caffeine and cocaine
4. Cocaine and amphetamines

8-36. Users sometimes rely on stimulants for which of the following reasons?

1. To become relaxed
2. To be more decisive
3. To reduce apprehension
4. To reduce irritability

8-37. The use of stimulants may cause which of the following effects on a user?

1. Anxiety
2. Serenity
3. Drowsiness
4. Increased appetite

8-38. The protracted use of stimulants is normally followed by a period of depression known by what term?

1. Flashing
2. Rushing
3. Crashing
4. Splashing

8-39. Heavy users who inject themselves with stimulants every few hours may experience which of the following effects?

1. Delirium
2. Psychosis
3. Physical exhaustion
4. Each of the above

8-40. When high-dose users are withdrawn from stimulants, they exhibit profound depression for up to how many hours per day?

1. 8
2. 12
3. 18
4. 20

8-41. Cocaine is often adulterated to what percentage of its volume?

1. 10
2. 25
3. 50
4. 60

8-42. Cocaine is most often adulterated with which of the following ingredients?

1. Sugar
2. Flour
3. Baking soda
4. Talcum

8-43. To convert cocaine to a base for freebasing, what substance is used?

1. Lard
2. Solvent
3. Soap powder
4. Carbon dioxide

8-44. Cocaine is popularly accepted as what kind of drug?

1. Psychic
2. Tolerant
3. Recreational
4. Hallucinogenic

8-45. Tolerance seldom develops among cocaine users.

1. True
2. False

8-46. Excessive doses of cocaine may cause which of the following disorders?

1. Cancer
2. Seizures
3. High blood pressure
4. Each of the above

8-47. Combination shots of cocaine, heroin, and morphine are known by what term?

1. Speed
2. Speedballs
3. Free basing
4. Triple trouble

8-48. What method is used to free base traditional cocaine?

1. Smoked through a water pipe
2. Inhaled through the nose
3. Injected intravenously
4. Ingested orally

8-49. Which of the following substances is NOT used in the processing of crack?

1. Baking soda
2. Ammonia
3. Water
4. Ether

8-50. The euphoria caused by crack has been known to last how long?

1. 2 to 20 min
2. 30 to 60 min
3. 60 to 90 min
4. 2 to 7 hr

8-51. Overdoses caused by either cocaine free base or crack can cause which of the following disorders?

1. Stroke
2. Seizures
3. Respiratory distress
4. Fatal cardiorespiratory arrest

8-52. Of the following behaviors, which one(s) may persons on crack potentially exhibit?

1. Violent
2. Suicidal
3. Both 1 and 2 above
4. Invincible

8-53. What is the name of the drug that is known as the designer drug of the 1980's?

1. Cocaine
2. Ecstasy
3. Crack
4. Ice

8-54. Ecstasy has been around for at least how many years?

1. 10
2. 20
3. 50
4. 75

8-55. Ecstasy was initially meant to be used for which of the following disorders?

1. Acne
2. Diabetes
3. Hypertension
4. Obesity

8-56. Which of the following is a street name for ecstasy?

1. M&M
2. Adam
3. Yuppie drug
4. Each of the above

8-57. MDMA produces psychotic states that may last for up to how long?

1. Days
2. Hours
3. Weeks
4. Years

8-58. Ecstasy has the same effects as which of the following drugs?

1. Amphetamine plus crack
2. LSD plus an amphetamine
3. Cocaine plus a barbiturate
4. Cannabis plus methamphetamine

- 8-59. Is ecstasy addictive? If so, how long does it take?
1. Yes; a long period of time
 2. Yes; a short period of time
 3. No
- 8-60. When was methcathinone placed under Schedule I of the FSCA?
1. June 1991
 2. March 1971
 3. October 1993
 4. February 1989
- 8-61. Methcathinone produces central nervous system stimulant effects similar to which of the following drugs?
1. Cocaine
 2. Amphetamine
 3. Both 1 and 2 above
 4. Alcohol
- 8-62. Which of the following is a street name for methcathinone?
1. Cat
 2. Goob
 3. Crank
 4. Each of the above
- 8-63. What color is methcathinone when it is sold on the street?
1. Tan to dark brown
 2. Tan to light brown
 3. White to off white
 4. Gray to dark black
- 8-64. What is the primary route of administration of methcathinone?
1. Smoking
 2. Intranasal
 3. Intravenous
 4. Oral ingestion
- 8-65. Methcathinone is primarily used in a binge that lasts about how many days?
1. 1 to 4
 2. 2 to 7
 3. 6 to 12
 4. 10 to 14
- 8-66. When a person repeatedly administers methcathinone during a binge, what is the average dose, in grams?
1. 1/16 to 1/4
 2. 1/2 to 3/4
 3. 1 to 1 1/2
 4. 2 to 4
- 8-67. The methcathinone produced by clandestine laboratories is what percent pure?
1. 20 to 30
 2. 40 to 50
 3. 55 to 75
 4. 95 to 100
- 8-68. The legal use of amphetamines is limited to the treatment of what disorder?
1. Epilepsy
 2. Narcolepsy
 3. Eating disorders
 4. High blood pressure
- 8-69. Of the following stimulants, which one, if any, acts like adrenalin on the body?
1. Cocaine
 2. Preludin
 3. Amphetamines
 4. None of the above
- 8-70. Amphetamines are widely used by which of the following persons to increase alertness?
1. Truck drivers
 2. Night watchmen
 3. Both 1 and 2 above
 4. School teachers

8-71. Amphetamines are most often taken in what manner?

1. Smoked
2. Snorted
3. Injected
4. Orally

8-72. Amphetamine abuse causes what type(s) of dependence, if any?

1. Mental only
2. Physical only
3. Mental and physical
4. None

8-73. Clandestine laboratories produce a vast quantity of which of the following amphetamines?

1. Ritalin
2. Preludin
3. Benzedrine
4. Methamphetamine

8-74. Methamphetamine appears in which of the following forms?

1. Capsule and tablet only
2. Tablet and liquid only
3. Liquid and powder only
4. Capsule, tablet, liquid, and powder

8-75. Methamphetamine abusers are known by which of the following terms?

1. Speedballers
2. Speed freaks
3. Bam bams
4. Copilots